AMENDMENTS TO THE CLAIMS/LISTING OF CLAIMS

Please amend claims 1, 3, and 5-8; cancel claims 4 and 9-88; and add new claims 89-109 as indicated below. This Listing of Claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A surgical device for treating tissue, comprising:

~~a catheter~~ an elongate member with a lumen formed therethrough~~;~~

means for manipulating a distal end of the elongate member for placement of said elongate member;

a helical fastening ~~needle~~ member for fastening the distal end of said ~~catheter~~ elongate member to tissue for screw-in type engagement with said tissue to connect a distal end of said elongate member adjacent to said tissue;

means for deploying and retracting said helical ~~fastening needle~~ fastening member from and into ~~an~~ said distal end of said ~~catheter~~ elongate member;

a shaft disposed within ~~a~~ said lumen of said ~~catheter~~ elongate member; and

a needle-like member coupled to said shaft capable of extending from the distal end of ~~the catheter~~ said elongate member through said helical fastening ~~needle~~ member into tissue and being ~~retracting~~ retracted into the end of said elongate member ~~catheter~~ using said shaft, said elongate member, said needle-like member and said helical fastening member move independently of each other.

2. (previously presented) The surgical device according to claim 1, wherein said deploying and retracting means comprise a shape memory alloy wire.

3. (currently amended) The surgical device according to claim 2, wherein said helical fastening ~~needle~~ member is part of said shape memory alloy wire.

4. (cancelled)

5. (currently amended) The surgical device according to claim 3, wherein said elongate member ~~catheter~~ has a ~~second~~ further lumen formed therethrough, said shape memory alloy wire

being disposed within said ~~second~~ further lumen if said helical fastening ~~needle~~ member is retracted.

6. (currently amended) The surgical device according to claim 2, wherein said deploying and retracting means comprises another ~~catheter~~ elongate member of smaller diameter coupled to said ~~catheter~~ elongate member, said shape memory alloy wire being disposed within a lumen of said ~~other catheter~~ other elongate member.

7. (currently amended) The surgical device according to claim 1, wherein:
said elongate member is an outer elongate member; and
said deploying and retracting means comprises ~~another catheter~~ an inner elongate member of small diameter disposed with a lumen of said outer ~~catheter~~ elongate member, said helical fastening ~~needle~~ member coupled ~~to~~ at a distal end of said ~~other catheter~~ inner elongate member capable of rotation about the longitudinal axis of said ~~other catheter~~ inner elongate member.

8. (currently amended) The surgical device according to claim 7, wherein said needle-like member and said shaft are disposed in the lumen of said ~~other catheter~~ inner elongate member.

9 – 88 (cancelled)

89. (new) The surgical device according to claim 1, wherein said elongate member is a catheter.

90. (new) The surgical device according to claim 1, wherein said helical fastening member is made of metal.

91. (new) The surgical device according to claim 1, wherein said helical fastening member is a helical fastening needle.

92. (new) The surgical device according to claim 1, wherein said needle-like member is hollow and is capable of delivering a liquid to irrigate the needle-like member.

93. (new) The surgical device according to claim 1, further comprising a plurality of temperature sensing or measuring devices attached to said needle-like member and arranged at intervals to enable sensing or monitoring of temperature at a plurality of tissue depths.

94. (new) The surgical device according to claim 1, wherein said needle-like member comprises an electrode for delivering electromagnetic energy to thermally ablate tissue.

95. (new) The surgical device according to claim 94, wherein said needle-like member comprises means for measuring the temperature of at least a portion of said needle-like member.

96. (new) The surgical device according to claim 94, wherein said needle-like member comprises means for measuring electrical activity from and pacing nearby tissue through multiple ring-like electrodes attached to the exterior of said needle-like member.

97. (new) The surgical device according to claim 7, wherein said inner elongate member is a catheter.

98. (new) The surgical device according to claim 1, wherein said needle-like member is capable of being extended concentrically through said helical fastening member into said tissue.

99. (new) The surgical device according to claim 2, wherein said shape memory alloy wire is made from a nickel-titanium alloy.

100. (new) The surgical device according to claim 7, wherein said helical fastening member coupled at a distal end of said inner elongate member is capable of extending from and retracting into said outer elongate member for screw-in type engagement with said tissue to connect a distal end of said outer elongate member adjacent to said tissue.

101. (new) The surgical device according to claim 7, further comprising a conductor passing through said lumen of said inner elongate member and connected with an electrode of said needle-like member for delivering electromagnetic energy for thermal ablation.

102. (new) The surgical device according to claim 1, further comprising an irrigation tube located within said needle-like member, wherein said needle-like member has at least one outlet hole for releasing irrigation liquid.

103. (new) The surgical device according to claim 1, further comprising an ultrasound sensing device located within said needle-like member.

104. (new) The surgical device according to claim 7, further comprising a valve between said outer and inner elongate members.

105. (new) The surgical device according to claim 7, further comprising a valve between said inner elongate member and said needle-like member.

106. (new) The surgical device according to claim 1, wherein said manipulating means comprises a pull wire connected to a metal ring attached to the distal portion of said outer elongate member.

107. (new) The surgical device according to claim 1, wherein said needle-like member has an outlet adjacent an end of said needle-like member for delivering a substance to the tissue.

108. (new) The surgical device according to claim 1, wherein said outer elongate member is formed by extruding to provide said lumen and said further lumen.

109. (new) The surgical device according to claim 108, further comprising another elongate member attached to said outer elongate member, said other elongate member having said further lumen.